

# PALM INTRANET

Day : Friday Date: 11/4/2005 Time: 19:36:47

# **Inventor Information for 10/525717**

Inventor Name	City	State/Country							
NAGAI, KOJI	ITABASHI-KU, TOKYO	JAPAN							
NAGAI, KOJI	ITABASHI-KU, TOKYO	JAPAN							
TANIGUCHI, MASATOSHI	TSUKUBA-SHI, IBARAKI	JAPAN							
SHINDO, NOBUAKI	TSUKUBA-SHI, IBARAKI	JAPAN							
TERADA, YOH	TSUKUBA-SHI, IBARAKI	JAPAN							
MORI, MASAMICHI	TSUKABU-SHI, IBARAKI	JAPAN							
AMINO, NOBUAKI	TSUKUBA-SHI, IBARAKI	JAPAN							
SUZUMURA, KEN-ICHI	TSUKUBA-SHI, IBARAKI	JAPAN							
TAKAHASHI, ISAO	ITABASHI-KU TOKYO	JAPAN							
AMASE, MITSUO	ITABASHI-KU TOKYO	JAPAN							
Appln Info Contents Petition Info	Atty/Agent Info	Foreign Data Inver							
Search Another: Application# Search or Patent# Search									
PCT //	Search or PG PUBS #	Search							
Attorney Docket #	Search								
Bar Code #	Search								

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10/525,717 11/04/2005

#### => d his ful

L1

L4

(FILE 'HOME' ENTERED AT 17:24:50 ON 04 NOV 2005)

FILE 'REGISTRY' ENTERED AT 17:24:55 ON 04 NOV 2005

STRUCTURE UPLOADED

L2 1 SEA SSS SAM L1 L3

9 SEA SSS FUL L1

FILE 'HCAPLUS' ENTERED AT 17:25:19 ON 04 NOV 2005

8 SEA PLU=ON L3

D L4 1-8 IBIB HITSTR

#### FILE HOME

#### FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

3 NOV 2005 HIGHEST RN 866718-46-9 STRUCTURE FILE UPDATES: 3 NOV 2005 HIGHEST RN 866718-46-9 DICTIONARY FILE UPDATES:

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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\* The CA roles and document type information have been removed from \* \* the IDE default display format and the ED field has been added, \* effective March 20, 2005. A new display format, IDERL, is now \* available and contains the CA role and document type information.

\*\*\*\*\*\*\*\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

### FILE HCAPLUS

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10/525,717 11/04/2005

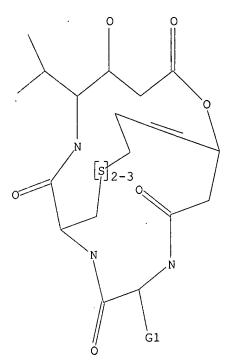
FILE COVERS 1907 - 4 Nov 2005 VOL 143 ISS 20 FILE LAST UPDATED: 3 Nov 2005 (20051103/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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STR



Gl Ak, Me, i-Pr

Structure attributes must be viewed using STN Express query preparation.

L3 9 SEA FILE=REGISTRY SSS FUL L1

L4 8 SEA FILE=HCAPLUS PLU=ON L3

#### => d 14 1-8 ibib hitstr

L4 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:79644 HCAPLUS

DOCUMENT NUMBER: 142:233595

TITLE: The transcriptional coactivator p300 plays a critical

role in the hypertrophic and protective pathways induced by phenylephrine in cardiac cells but is specific to the hypertrophic effect of urocortin

AUTHOR(S): Davidson, Sean M.; Townsend, Paul A.; Carroll, Chris;

Yurek-George, Alexander; Balasubramanyam, Karanam; Kundu, Tapas K.; Stephanou, Anastasis; Packham,

Graham; Ganesan, A.; Latchman, David S.

CORPORATE SOURCE: Institute of Child Health, University College London,

London, WC1N 1EH, UK

SOURCE: ChemBioChem (2005), 6(1), 162-170

CODEN: CBCHFX; ISSN: 1439-4227

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal LANGUAGE: English IT 328548-11-4, Spiruchostatin A

RL: BUU (Biological use, unclassified); PAC (Pharmacological activity);

BIOL (Biological study); USES (Uses)

(histone acetyltransferase and deacetylase inhibition effect on hypertrophic and protective pathways induced by phenylephrine and

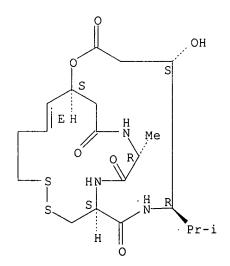
urocortin in cardiac cells)

RN 328548-11-4 HCAPLUS

CN Cyclo[D-alanyl-D-cysteinyl-(3S,4R)-4-amino-3-hydroxy-5-methylhexanoyl-(3S,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic  $(2\rightarrow 4)$ -disulfide

(9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.



REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:203851 HCAPLUS

DOCUMENT NUMBER: 140:247031

TITLE: Novel depsipeptide compound

INVENTOR(S): Nagai, Koji; Taniguchi, Masatoshi; Shindo, Nobuaki; Terada, Yoh; Mori, Masamichi; Amino, Nobuaki;

Suzumura, Kenichi; Takahashi, Isao; Amase, Mitsuo

PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIN	D	DATE	APPLICATION NO.					DATE					
WO	WO 2004020460			A1	A1 20040311				WO 2003-JP10957					20030828				
	W:	ΑE,	AG,	AL,	AM,	AT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,	
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KR,	ΚZ,	LC,	LK,	LR,	LS,	
		LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NΙ,	NO,	ΝZ,	OM,	PG,	
		PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	ТJ,	TM,	TN,	TR,	
		TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	zw					
	RW:	GH,	GM,	ΚE,	LS,	MW,	ΜZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	ΒY,	
		KG,	ΚZ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
		FI,	FR,	GB,	GR,	ΗU,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	TR,	
		BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG	
CA	CA 2497281 AA					2004	0311	CA 2003-2497281						20030828				
ΕP	1548	8026 A1				2005	0629	9 EP 2003-791384				84	20030828					
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK		
US 2005209134			A1	A1 20050922			US 2005-525717					20050225						
PRIORITY APPLN. INFO.:								JP 2002-255141					A 20020830					
									WO 2003-JP10957				957	W 20030828				

### IT 671192-45-3P 671192-46-4P

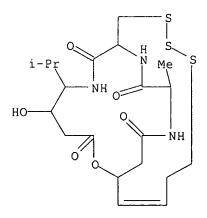
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(novel depsipeptide compound)

RN 671192-45-3 HCAPLUS

CN Cyclo[alanyl-3-(thiosulfeno)alanyl-4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7-mercapto-4-heptenoyl], cyclic  $(2\rightarrow 4)$ -trisulfide (9CI) (CA INDEX NAME)

Double bond geometry unknown. Currently available stereo shown.



RN 671192-46-4 HCAPLUS

CN Cyclo(4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7-mercapto-4-heptenoylvalylcysteinyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Double bond geometry unknown. Currently available stereo shown.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER:

2004:182726 HCAPLUS

DOCUMENT NUMBER:

140:229435

TITLE:

Arthrodial cartilage extracellular matrix degradation

inhibitor

INVENTOR(S):

Yamaji, Noboru; Shindou, Nobuaki; Terada, Yoh Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE:

PCT Int. Appl., 25 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent Japanese

LANGUAGE: FAMILY ACC. NUM. COUNT:

. 1

PATENT INFORMATION:

PATENT ASSIGNEE(S):

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2004017996 Α1 20040304 WO 2003-JP10460 20030819 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, CO, CR, CU, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG EP 2003-792716 A1 20050629 20030819 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK PRIORITY APPLN. INFO.: JP 2002-239203 A 20020820

WO 2003-JP10460 W 20030819

IT 284039-01-6 284039-02-7

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(arthrodial cartilage extracellular matrix degradation inhibitor)

RN 284039-01-6 HCAPLUS

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7-mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

RN 284039-02-7 HCAPLUS

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylheptanoyl-3-hydroxy-7-mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:66568 HCAPLUS

DOCUMENT NUMBER: 140:218095

TITLE: Total Synthesis of Spiruchostatin A, a Potent Histone

Deacetylase Inhibitor

AUTHOR(S): Yurek-George, Alexander; Habens, Fay; Brimmell,

Matthew; Packham, Graham; Ganesan, A.

CORPORATE SOURCE: Schools of Chemistry and Medicine, University of Southampton, Southampton, SO17 1BJ, UK

SOURCE: Journal of the American Chemical Society (2004),

126(4), 1030-1031

CODEN: JACSAT; ISSN: 0002-7863

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 140:218095

IT 664965-61-1P, epi-Spiruchostatin A

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(biol. inactive; total synthesis and biol. activity of disulfide

bond-containing cyclic depsipeptides spiruchostatin A and its epimer as

inhibitors of histone deacetylase)

RN 664965-61-1 HCAPLUS

CN Cyclo[D-alanyl-D-cysteinyl-(3R,4R)-4-amino-3-hydroxy-5-methylhexanoyl-(3R,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic  $(2\rightarrow 4)$ -disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+). Double bond geometry as shown.

IT 328548-11-4P, Spiruchostatin A

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (total synthesis and biol. activity of disulfide bond-containing cyclic depsipeptides spiruchostatin A and its epimer as inhibitors of histone deacetylase)

RN 328548-11-4 HCAPLUS

CN Cyclo[D-alanyl-D-cysteinyl-(3S,4R)-4-amino-3-hydroxy-5-methylhexanoyl-

(3S,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic  $(2\rightarrow 4)$ -disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

IT 663919-06-0P 663919-10-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(total synthesis and biol. activity of disulfide bond-containing cyclic depsipeptides spiruchostatin A and its epimer as inhibitors of histone deacetylase)

RN 663919-06-0 HCAPLUS

CN Cyclo[D-alanyl-D-cysteinyl-(3S,4R)-4-amino-5-methyl-3-[[tris(1-methylethyl)silyl]oxy]hexanoyl-(3S,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic (2-4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+). Double bond geometry as shown.

RN 663919-10-6 HCAPLUS

10/525,717

CN Cyclo[D-alanyl-D-cysteinyl-(3S,4R)-4-amino-5-methyl-3-[[tris(1methylethyl)silyl]oxy]hexanoyl-(3R,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+). Double bond geometry as shown.

REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN L4

ACCESSION NUMBER: 2001:932513 HCAPLUS

DOCUMENT NUMBER:

136:48437

TITLE:

Dithiol derivatives as histone deacetylation

conversion enzyme inhibitors and antitumor agents Hayata, Kinya; Seki, Norio; Shindo, Nobuaki; Terada,

Akira; Mori, Masamichi; Amino, Nobuaki; Yokoi, Takako;

Nagai, Koji

PATENT ASSIGNEE(S):

Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE:

Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE:

INVENTOR(S):

Patent

LANGUAGE:

Japanese

1

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001354694	A2	20011225	JP 2000-176346	20000613
PRIORITY APPLN. INFO.:			JP 2000-176346	20000613

OTHER SOURCE(S): MARPAT 136:48437

ΙT 284039-01-6P 284039-02-7P

> RL: PUR (Purification or recovery); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(dithiol derivs. as histone deacetylation conversion enzyme inhibitors . and antitumor agents)

284039-01-6 HCAPLUS RN

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7mercapto-4-heptenoyl), cyclic (2-4)-disulfide (9CI) (CA INDEX NAME)

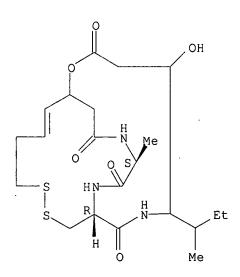
Absolute stereochemistry.
Double bond geometry unknown.

RN 284039-02-7 HCAPLUS

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylheptanoyl-3-hydroxy-7-mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



L4 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:911215 HCAPLUS

DOCUMENT NUMBER: 136:33935

TITLE: Depsipeptide histone deacetylase inhibitors from

Pseudomonas

INVENTOR(S): Shindou, Nobuaki; Terada, Akira; Mori, Masamichi;

Amino, Nobuaki; Hayata, Kinya; Nagai, Koji; Hayakawa,

Yoichi; Shinke, Kazuo; Masuoka, Yuta

PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan

10/525,717 11/04/2005

SOURCE:

Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE:

Patent

LANGUAGE:

FAMILY ACC. NUM. COUNT:

Japanese

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_\_\_ \_\_\_\_\_\_ JP 2001348340 A2 20011218 JP 2000-171181 20000607 JP 2000-171181 20000607 PRIORITY APPLN. INFO.:

OTHER SOURCE(S):

MARPAT 136:33935

284039-01-6 284039-02-7

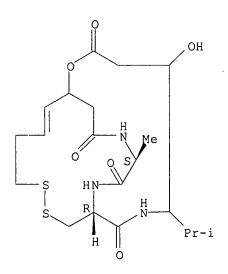
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(depsipeptide histone deacetylase inhibitors from Pseudomonas)

284039-01-6 HCAPLUS RN

Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7-CN mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

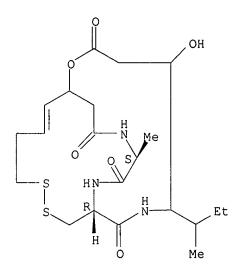
Absolute stereochemistry. Double bond geometry unknown.



284039-02-7 HCAPLUS RN

Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylheptanoyl-3-hydroxy-7-CN mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown. 10/525,717 11/04/2005



L4 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:895645 HCAPLUS

DOCUMENT NUMBER: 134:204803

TITLE: Spiruchostatins A and B, novel gene

expression-enhancing substances produced by

Pseudomonas sp.

AUTHOR(S): Masuoka, Y.; Nagai, A.; Shin-ya, K.; Furihata, K.;

Nagai, K.; Suzuki, K.-i.; Hayakawa, Y.; Seto, H.

CORPORATE SOURCE: Institute of Molecular and Cellular Biosciences, The

University of Tokyo, Bunkyo-ku, Tokyo, 113-0032, Japan

SOURCE: Tetrahedron Letters (2001), 42(1), 41-44

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

IT 328548-11-4P, Spiruchostatin A 328548-12-5P,

Spiruchostatin B

RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)

(spiruchostatins A and B are novel gene expression-enhancing substances produced by Pseudomonas)

RN 328548-11-4 HCAPLUS

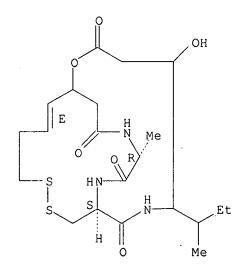
CN Cyclo[D-alanyl-D-cysteinyl-(3S,4R)-4-amino-3-hydroxy-5-methylhexanoyl-(3S,4E)-3-hydroxy-7-mercapto-4-heptenoyl], cyclic  $(2\rightarrow 4)$ -disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

328548-12-5 HCAPLUS RN

Cyclo[D-alanyl-D-cysteinyl-4-amino-3-hydroxy-5-methylheptanoyl-(4E)-3-CN hydroxy-7-mercapto-4-heptenoyl], cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown. Currently available stereo shown.



REFERENCE COUNT:

13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4ANSWER 8 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN 2000:493564 HCAPLUS

ACCESSION NUMBER: DOCUMENT NUMBER:

133:115102

TITLE:

INVENTOR(S):

Novel depsipeptide compounds as antitumor drugs Nagai, Koji; Arao, Nakako; Sohda, Kin-ya; Kamigiri, Kazuma; Mori, Masamichi; Shindo, Nobuaki; Seto, Haruo;

Shin-ya, Kazuo

PATENT ASSIGNEE(S):

Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE:

PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent Japanese

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

P.F	PATENT NO.				KIND DATE			APPLICATION NO.						DATE				
WC	2000	042062			A1				WO 2000-JP110						20000112			
	W:	ΑE,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	CA,	CH,	CN,	CR,	CU,	
		CZ,	DE,	DK,	DM,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,	
		IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	
		MD,	MG,	MK,	MN,	MW,	MX,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	
		SK,	SL,	TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VN,	YU,	ZA,	ZW,	AM,	
		AZ,	BY,	KG,	KZ,	MD,	RU,	ТJ,	TM									
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											MC,							
		CG,	CI,	CM,	GΑ,	GN,	GW,	ML,	MR,	ΝE,	SN,	TD,	TG				•	
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EB	1142	905			A1	20011010			EP 2000-900351						20000112			
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		IE,	SI,	ĻΤ,	LV,	FI,	RO											
JE	3554	707			В2					JP 2000-593629					20000112			
US	6670	326			В1	20031230			US 2001-889303					20010713				
US	2004	0820	54		A1		20040429		US 2003-684656			20031015						
PRIORIT	PRIORITY APPLN. INFO.:								JP 1	999-	7040			A 1	9990	113		
									•	WO 2000-JP110				1	W 20000112			
										US 2001-889303					A1 20010713			

## IT 284039-01-6P 284039-02-7P

RL: BAC (Biological activity or effector, except adverse); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(novel depsipeptide compds. with cytotoxic activity and TGF- $\beta$ -like function as antitumor drugs)

RN 284039-01-6 HCAPLUS

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylhexanoyl-3-hydroxy-7-mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

RN 284039-02-7 HCAPLUS

CN Cyclo(L-alanyl-L-cysteinyl-4-amino-3-hydroxy-5-methylheptanoyl-3-hydroxy-7-mercapto-4-heptenoyl), cyclic (2→4)-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

7

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT